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OM nucleic - nucleic search, using sw model

Run on: August 15, 2002, 06:56:46 ; Search time 46.26 Seconds

(without alignments)
1752.249 Million cell updates/sec

Title: US-09-622-613A-14

Perfect score: 330
Sequence: 1 cagaactgggactctcca.....ctggtatcggtgtgtcccg 330

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 383533 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 08
Maximum Match 1008

Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/1/lna/5A.COMB.seq:*
2: /cgn2_6/ptodata/1/lna/5B.COMB.seq:*
3: /cgn2_6/ptodata/1/lna/6A.COMB.seq:*
4: /cgn2_6/ptodata/1/lna/6B.COMB.seq:*
5: /cgn2_6/ptodata/1/lna/PCRTUS.COMB.seq:*
6: /cgn2_6/ptodata/1/lna/Backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	38.4	11.6	7218	1	US-08-232-463-14
2	38.2	11.6	315	3	US-08-875-811-38
3	38.2	11.6	318	3	US-08-875-811-27
4	38.2	11.6	321	3	US-08-875-811-29
5	38.2	11.6	333	3	US-08-875-811-21
6	38.2	11.6	336	3	US-08-875-811-31
7	38.2	11.6	387	3	US-08-875-811-62
8	38.2	11.6	753	3	US-08-875-811-58
9	38.2	11.6	768	3	US-08-875-811-60
10	38.2	11.6	1065	3	US-08-875-811-40
11	38.2	11.6	1065	3	US-08-875-811-48
12	38.2	11.6	1074	3	US-08-875-811-56
13	38.2	11.6	1074	3	US-08-875-811-50
14	38.2	11.6	1098	3	US-08-875-811-54
15	38.2	11.6	1137	3	US-08-875-811-42
16	35	10.6	315	3	US-08-875-811-23
17	35	10.6	315	3	US-08-875-811-25
18	35	10.6	1074	3	US-08-875-811-44
19	35	10.6	1095	3	US-08-875-811-52
20	33.8	10.2	321	3	US-08-875-811-19
21	33	10.0	249	3	US-08-875-811-37
22	32	9.7	1613	2	US-08-899-371-1
23	31.4	9.5	4363	2	US-08-685-576-5
24	31.2	9.5	1434	5	PCR-US93-11404-1
25	30.8	9.3	513	4	US-09-363-160-3
26	30.8	9.3	516	4	US-09-363-160-1
27	29.8	9.0	1601	3	US-09-038-909-1

28	29.4	8.9	1086	3	US-08-875-811-46	Sequence 46, Appl
29	29.4	8.9	3758	3	US-08-323-477-1	Sequence 1, Appl1
30	29.2	8.8	1164	4	US-09-538-871-3	Sequence 3, Appl1
31	29.2	8.8	1232	4	US-09-538-871-1	Sequence 28, Appl
32	29.2	8.8	3435	4	US-09-066-046-28	Sequence 14, Appl
33	29.2	8.8	3435	4	US-09-066-047-14	Sequence 3, Appl1
34	29	8.8	1000	1	US-07-965-274-3	Sequence 641, App
35	29	8.8	3396	4	US-08-974-549A-641	Sequence 2, Appl1
36	29	8.8	7904	1	US-08-316-239B-1	Sequence 1, Appl1
37	29	8.8	7904	1	US-08-316-239B-2	Sequence 1, Appl1
38	29	8.8	7904	3	US-08-410-005-1	Sequence 1, Appl1
39	29	8.8	7904	4	US-08-929-140-1	Sequence 1, Appl1
40	29	8.8	7904	4	US-09-560-579A-1	Sequence 1, Appl1
41	28.8	8.7	289	4	US-09-007-005-17	Sequence 17, Appl
42	28.8	8.7	289	4	US-09-244-796-17	Sequence 5, Appl1
43	28.8	8.7	537	2	US-08-845-539-5	Sequence 9, Appl1
44	28.8	8.7	537	4	US-09-362-642-5	
45	28.4	8.6	9542	4	US-08-968-685A-9	

ALIGNMENTS

RESULT 1
US-08-232-463-14
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: PTZgpt-F1s
; US-08-232-463-14

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Query Match          11.6% Score 38.4; DB 1; Length 7218;
Best Local Similarity 4.5%; Pred. No. 0.012;
Matches 12; Conservative 148; Mismatches 104; Indels 0; Gaps 0;

OY 11 ctacttcgcagcagacatcatcaacactcgcagcatcatgcaacatcatgacatacgtgaca 70
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1192 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1251
OY 71 acacacatcatcatcgtgtgagtcagtcagcaacgltgtaacacttcatcatctctcgt 130
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1252 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1311
OY 131 ctactactgttaagcactcgtcactggtgtatcaacaatgaaactcgtctctactc 190
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Db 1312 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1371
OY 191 gttccagcgtgaacactgctcgtactctatcatcactcgcgtccgtccgactcctt 250
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Db 1372 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1431
OY 251 ctgcgtactgaaactactacatct 274
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1432 YYYGTACCAATTCCTCTACTCT 1455

RESULT 2
US-08-875-811-38
; Sequence 38, Application US/08875811
; Patent No. 6045793
; GENERAL INFORMATION:
; APPLICANT: Rybak, Susanna M.
; APPLICANT: Newton, Dianne L.
; APPLICANT: Bogue, Luis
; APPLICANT: Mlodawer, Alexander
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,811
; FILING DATE: 19-FEB-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/02588
; FILING DATE: 19-FEB-1997
; PRIOR APPLICATION DATA: US 60/011,800
; FILING DATE: 21-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Paris, Susan K.
; REGISTRATION NUMBER: 41,739
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 315 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
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; NAME/KEY: CDS
; LOCATION: 1..315
; OTHER INFORMATION: /note="[Met-(-1)]rOnc"
US-08-875-811-38

Query Match          11.6% Score 38.2; DB 3; Length 315;
Best Local Similarity 51.1%; Pred. No. 0.0026;
Matches 119; Conservative 0; Mismatches 108; Indels 6; Gaps 1;

OY 94 cagtgcaacggtgttaacacttcatctcttcgtctactactgtttaagctatcgc 153
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Db 88 CACTGCAGACGAAGAAGCACTTATATATATACGCTCAGCTGACCTGAGAGCCATCTGT 147
OY 154 actggtgtatcaacaatgaaactgtctactactcgtttccagcgaacactgact 213
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Db 148 AAGAGATTTATAGCTCCCAAAATGTGTACTAC-----CTGTGAGTTTATCTCTCT 201
OY 214 cgtactctatcactcgcgtcgcgtgctgctactctctcgtactgaactactacatc 273
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Db 202 GATTGCAATGTATACACAGAGGCTTGCAAGTATTAATTAAGAAATCACTAATTAATT 261
OY 274 tgcgttaatgcgaacacagtaaccggttcatctcgtcgtgtaacggtcgttg 326
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Db 262 TGTGTAATCTGTGAATAATCAAGCACAGATTCATTTGTGTGAGTGTGATCTTG 314
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RESULT 3
US-08-875-811-27
; Sequence 27, Application US/08875811
; Patent No. 6045793
; GENERAL INFORMATION:
; APPLICANT: Rybak, Susanna M.
; APPLICANT: Newton, Dianne L.
; APPLICANT: Bogue, Luis
; APPLICANT: Mlodawer, Alexander
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,811
; FILING DATE: 19-FEB-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/02588
; FILING DATE: 19-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/011,800
; FILING DATE: 21-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Paris, Susan K.
; REGISTRATION NUMBER: 41,739
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 318 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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LENGTH: 333 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..333
OTHER INFORMATION: /note="EDNG1onc"
US-08-875-811-21

Query Match 11.6%; Score 38.2; DB 3; Length 333;
Best Local Similarity 51.1%; Pred. No. 0.0027;
Matches 119; Conservative 0; Mismatches 108; Indels 6; Gaps 1;

Oy 94 cagtgcaaacggtgttaaaccttcacatcctctctgtactactcgtttaagctatctgc 153
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Db 106 CACTGCAAGACAGAAACACTTTATCTATTCACGTCCTGAGCCAGTGAAGGCCATCTGT 165
Oy 154 actggtgtatacaacatgaacgtctctgtactactcgtttcagctgaacacttgact 213
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Db 166 AAGGAAATTTATGCTCCCAAAATGTTAACTAC-----CTCTGAGTTTATCTCTCT 219
Oy 214 cgaactctatacctccgcgcgtccgctgactctctctgtactgaactaactacatc 273
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Db 220 GATTGCAATGTAAACAGCAGCGCTTGCAAGTAAATTAAGAAATCACTAATAATTT 279
Oy 274 tgcgttaaatgcgaaacacagtaaccggttcattcgtgtatcggtcg 326
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Db 280 TGTGTAACTTGTGAAATCAGCACCACTTATTTGTTGAGTTGATCTTG 332

RESULT 6

US-08-875-811-31
Sequence 31, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-2441000S
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:
LENGTH: 336 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..336
OTHER INFORMATION: /note="NLSmetSerronc"
US-08-875-811-31

US-08-875-811-31

Query Match 11.6%; Score 38.2; DB 3; Length 336;
Best Local Similarity 51.1%; Pred. No. 0.0027;
Matches 119; Conservative 0; Mismatches 108; Indels 6; Gaps 1;

Oy 94 cagtgcaaacggtgttaaaccttcacatcctctctgtactactcgtttaagctatctgc 153
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Db 109 CACTGCAAGACAGAAACACTTTATCTATTCACGTCCTGAGCCAGTGAAGGCCATCTGT 168
Oy 154 actggtgtatacaacatgaacgtctctgtactactcgtttcagctgaacacttgact 213
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Db 169 AAGGAAATTTATGCTCCCAAAATGTTAACTAC-----CTCTGAGTTTATCTCTCT 222
Oy 214 cgaactctatacctccgcgcgtccgctgactctctctgtactgaactaactacatc 273
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Db 223 GATTGCAATGTAAACAGCAGCGCTTGCAAGTAAATTAAGAAATCACTAATAATTT 282
Oy 274 tgcgttaaatgcgaaacacagtaaccggttcattcgtgtatcggtcg 326
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Db 283 TGTGTAACTTGTGAAATCAGCACCACTTATTTGTTGAGTTGATCTTG 335

RESULT 7

US-08-875-811-62
Sequence 62, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-2441000S
TELECOMMUNICATION INFORMATION:


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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 1074 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1074
OTHER INFORMATION: /note="MetGlucnCB6"
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Query Match 11.6%; Score 38.2; DB 3; Length 1074;
Best Local Similarity 51.1%; Pred. No. 0.0049;
Matches 119; Conservative 0; Mismatches 108; Indels 6; Gaps 1;
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QY 94 cagtgcaacggttcaacttcatcctctctgctactactglttaagctatctgc 153
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DB 88 CACTGCAGACGACAGAACACTTTATCTATTCAGTCTGACGACGAGGACCATCTGT 147
QY 154 acggtgttcaacaagacggtctgtctactactcgttccagctgaacactgcact 213
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DB 148 AAGGATTTATAGCTCCAAATAATGTGTACTAC-----CTCTGAGTTTATCTCTCT 201
QY 214 cgtactctatcactccgctcgctgcgctactctctctcgtactgaactaactacatc 273
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DB 202 GATTGCAATGTAAACAGCAGCCCTTGCAAGTATTAATTAAGAATAACACTAAATTTT 261
QY 274 tgcgttaaatgcaaaacagtaaccggttcattcgtcgtgtaacggtcg 326
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DB 262 TGTGTAACTGTGAAATCAGACCACTTCATTGTTGTGAGTTGATCTTG 314
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RESULT 14
US-08-875-811-54
; Sequence 54, Application US/08875811
; Patent No. 6045793
; GENERAL INFORMATION:
; APPLICANT: Rybak, Susanna M.
; APPLICANT: Newton, Dianne L.
; APPLICANT: Bogue, Luis
; APPLICANT: Wlodawer, Alexander
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Faris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 1098 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1098
OTHER INFORMATION: /note="MOC31FBMetSeronc"
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Query Match 11.6%; Score 38.2; DB 3; Length 1098;
Best Local Similarity 51.1%; Pred. No. 0.005;
Matches 119; Conservative 0; Mismatches 108; Indels 6; Gaps 1;
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DB 871 CACTGCAGACGACAGAACACTTTATCTATTCAGTCTCTGACGACGAGGACCATCTGT 930
QY 154 actggttatacaacatgaacggtctgtctactactcgttccagctgaacactgcact 213
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DB 931 AAGGATTTATAGCTCCAAATAATGTGTACTAC-----CTCTGAGTTTATCTCTCT 984
QY 214 cgtactctatcactccgctcgctgcgctactctctcgtactgaactaactacatc 273
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DB 985 GATTGCAATGTAAACAGCAGCCCTTGCAAGTATTAATTAAGAATAACACTAAATTTT 1044
QY 274 tgcgttaaatgcaaaacagtaaccggttcattcgtcgtgtaacggtcg 326
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DB 1045 TGTGTAACTGTGAAATCAGACCACTTCATTGTTGTGAGTTGATCTTG 1097
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RESULT 15
US-08-875-811-42
; Sequence 42, Application US/08875811
; Patent No. 6045793
; GENERAL INFORMATION:
; APPLICANT: Rybak, Susanna M.
; APPLICANT: Newton, Dianne L.
; APPLICANT: Bogue, Luis
; APPLICANT: Wlodawer, Alexander
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
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; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,811
; FILING DATE: 19-FEB-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/02588
; FILING DATE: 19-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/011,800
; FILING DATE: 21-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Paris, Susan K.
; REGISTRATION NUMBER: 41,739
; REFERENCE/DOCKET NUMBER: 015280-244100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1137 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1137
; OTHER INFORMATION: /note= "SigpepinoncfBE6"
;
US-08-875-811-42

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Query Match      11.6%; Score 38.2; DB 3; Length 1137;
Best Local Similarity 51.1%; Pred. No. 0.0051;
Matches 119; Conservative 0; Mismatches 108; Indels 6; Gaps 1;

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QY 154 actggtgltatcaacatgaacgttctgctactactcgtttccagctgaacacttgact 213
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DB 220 AAGGGAATTATAGCTCCCAAAATGTGTACTAC-----CTGTGAGTTTATCTCTCT 273

QY 214 cgtactctatcactccggtcgtgcgtccgtactctctcgtactactgaactaactacatc 273
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DB 274 GATTGCAATGTAACAAGCAGCGCTTGCAAGTATTAATTAAGAAATCACTAATAATT 333

QY 274 tgcgttaaatgcgaataacagtaaccggttcaattcgtcgtgatacggtcgttg 326
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